### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 14 July 2005 (14.07.2005)

**PCT** 

## (10) International Publication Number WO 2005/064970 A1

(51) International Patent Classification<sup>7</sup>: H04L 12/56

H04Q 7/38,

(21) International Application Number:

PCT/EP2003/014809

(22) International Filing Date:

23 December 2003 (23.12.2003)

(25) Filing Language:

English

(26) Publication Language:

**English** 

- (71) Applicant (for all designated States except US): TELE-FONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): VRIES, Martin de [NL/NL]; Ommerweg 139 a, NL-7447 RC Hellendoorn (NL).
- (74) Agent: DELTAPATENTS B.V.; De Zaale 11, P.O. Box 80, NL-5600 AB Eindhoven (NL).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### **Declaration under Rule 4.17:**

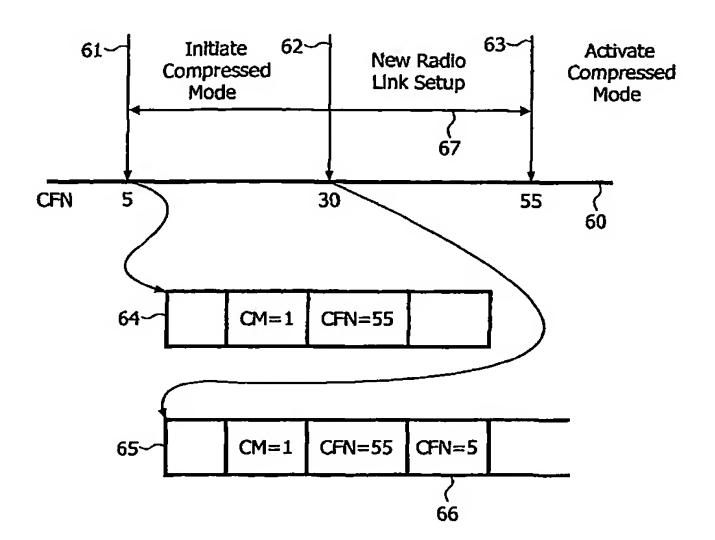
of inventorship (Rule 4.17(iv)) for US only

#### **Published:**

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CONTROLLING RECONFIGURATION IN A CELLULAR COMMUNICATION SYSTEM



(57) Abstract: In a cellular communication system, for example UMTS using WCDMA, a configuration of radio links is controlled. In a mobile unit, and in a base station, a synchronization counter indicates time codes (CFN) for synchronization of configuration changes across the system. Messages are exchanged between a network controller, the base stations and the mobile units, which messages include a change command (62) for changing a configuration, and a reconfiguration command (61) for changing a current configuration state to a next configuration state at a selected future time code (63). Traditionally a prepared reconfiguration period (67) for such a reconfiguration change was treated as a blocking period for further changes. According to the invention the prepared reconfiguration period is determined, and a prepared reconfiguration period indicator (66) is added to the change command. Hence other configuration changes can be effected during the prepared reconfiguration period.

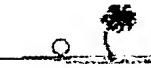
Day: Tuesday

Date: 8/22/2006 Time: 12:47:10

**IFW IMAGE** 

Secrecy Order: NO

Status Date: 06/23/2006



# PALM INTRANET

## **Application Number Information**

Application Number: 10/596777

**Assignments** 

Filing or 371(c) Date: 00/00/0000

Effective Date: 06/23/2006

Application Received: 06/23/2006

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: P16417-US1

Third Level Review: NO Status: 19 /APPLICATION UNDERGOING PREEXAM

**PROCESSING** 

Confirmation Number: 1362

Oral Hearing: NO

Examiner Number: 00000 /

Class/Subclass: 382/187.000

Group Art Unit: 2624

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Lost Case: NO

Title of Invention: CONTROLLING RECONFIGURATION IN A CELLULAR

**COMMUNICATION SYSTEM** 

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
Appln Info	ontents	ion Info	Atty/Agent Info	Continuity/	Reexam	Foreign Data
Search Another: Application# or Patent# Search						
PCT / Search Search Search						
Attorney Docket # Search Search						

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page